

## Features

- Multiturn / Cermet / Industrial / Sealed
- Listed on the QPL for style RJ26 per MIL-R-22097 and RJR26 per High-Rel MIL-R-39035
- RoHS compliant\* version available

# 3262 - 1/4 " Trimptot<sup>®</sup> Trimming Potentiometer

## Electrical Characteristics

Standard Resistance Range ..... 10 to 1 megohm  
 (see standard resistance table)  
 Resistance Tolerance .....  $\pm 10\%$  std.  
 (tighter tolerance available)  
 Absolute Minimum Resistance.... 1 % or 2 ohms max. (whichever is greater)  
 Contact Resistance Variation ... 3.0 % or 3 ohms max. (whichever is greater)  
 Adjustability  
 Voltage .....  $\pm 0.02\%$   
 Resistance .....  $\pm 0.05\%$   
 Resolution ..... Infinite  
 Insulation Resistance ..... 500 vdc.  
 1,000 megohms min.  
 Dielectric Strength  
 Sea Level..... 600 vac  
 80,000 Feet ..... 250 vac  
 Effective Travel ..... 12 turns nom.

## Environmental Characteristics

Power Rating (300 volts max.)  
 85 °C ..... 0.25 watt  
 150 °C ..... 0 watt  
 Temperature Range ... -65 °C to +150 °C  
 Temperature Coefficient ...  $\pm 100$  ppm/°C  
 Seal Test ..... 85 °C Fluorinert†  
 Humidity ..... MIL-STD-202 Method 103  
 96 hours (2 %  $\Delta$ TR, 100 Megohms IR)  
 Vibration ..... 30 G (1 %  $\Delta$ TR; 1 %  $\Delta$ VDR)  
 Shock ..... 100 G (1 %  $\Delta$ TR; 1 %  $\Delta$ DVR)  
 Load Life... 1,000 hours 0.25 watt @ 85 °C  
 (3 %  $\Delta$ TR; 3 % or 3 ohms, whichever is greater, CRV)  
 Rotational Life ..... 200 cycles  
 (2 %  $\Delta$ TR; 3 % or 3 ohms, whichever is greater, CRV)

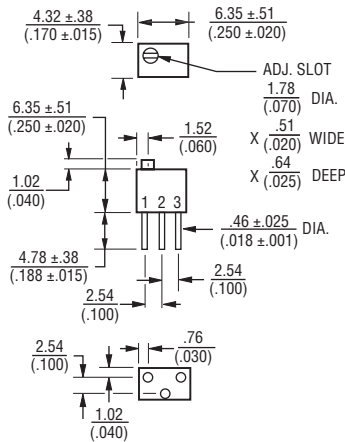
## Physical Characteristics

Torque..... 3.0 oz-in. max.  
 Mechanical Stops..... Wiper idles  
 Terminals ..... Solderable pins  
 Weight ..... 0.015 oz.  
 Marking..... Manufacturer's trademark, resistance code, wiring diagram, date code, manufacturer's model number and style  
 Wiper ..... 50 % (Actual TR)  $\pm 10\%$   
 Flammability ..... U.L. 94V-0  
 Standard Packaging..... 50 pcs. per tube  
 Adjustment Tool..... H-90

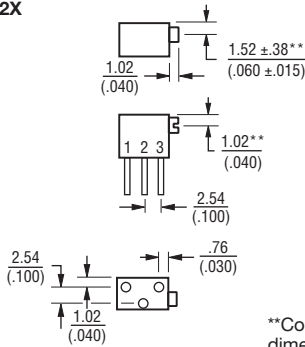
## Product Dimensions

### 3262W

#### Common Dimensions

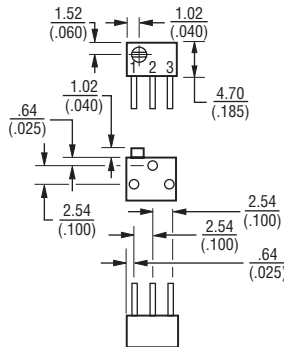


### 3262X



\*\*Common dimensions

### 3262P



## How To Order

3262 P - 1 - 103 LF

Model \_\_\_\_\_  
 Style \_\_\_\_\_  
 Standard or Modified \_\_\_\_\_  
 Product Indicator \_\_\_\_\_  
 -1 = Standard Product  
 Resistance Code \_\_\_\_\_  
 Terminations \_\_\_\_\_

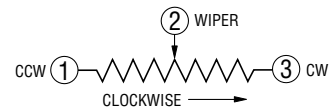
LF = 100 % Tin-plated (RoHS compliant)  
 Blank = 90 % Tin / 10 % Lead-plated (Standard)

Consult factory for other available options.

## Standard Resistance Table

Resistance (Ohms)	Resistance Code
10	100
20	200
50	500
100	101
200	201
500	501
<b>1,000</b>	<b>102</b>
<b>2,000</b>	<b>202</b>
<b>5,000</b>	<b>502</b>
<b>10,000</b>	<b>103</b>
<b>20,000</b>	<b>203</b>
25,000	253
50,000	503
100,000	104
200,000	204
250,000	254
500,000	504
1,000,000	105

Popular values listed in boldface. Special resistances available.



DIMENSIONS:  $\frac{\text{MM}}{\text{(INCHES)}}$   
 TOLERANCES:  $\pm \frac{0.25}{(.010)}$  EXCEPT WHERE NOTED

REV. 03/10

\*RoHS Directive 2002/95/EC Jan 27 2003 including Annex.

"Trimptot" is a registered trademark of Bourns, Inc.

†"Fluorinert" is a registered trademark of 3M Co.

Specifications are subject to change without notice.

Customers should verify actual device performance in their specific applications.